| Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Or Fax (703) 746-4000  INSTRUCTIONS his form should be used for transmitting the ISSUE FEE and polification of maintenance feet will be mailed to the current correspondence address and optification of maintenance feet will be mailed to the current correspondence address.  Alighable optifications.  CIRRETO CORRESPONDENCE ADDRESS (Note: the Block 1, by (ci) specifying a new correspondence address; and/or political pages and politication of maintenance feet will be mailed to the current correspondence address.  Alighable optifications.  CIRRETO CORRESPONDENCE ADDRESS (Note: the Block 1 for my change of address)  TEXAS INSTRUMENTS INCORPORATED P O BOX 655474, M/S 3999 DALLAS, TX 75265  23/2005 HDRESSS 00000058 200668 09922366  E23/2005 HDRESSS 00000058 200668 09922366  E23/2005 HDRESSS 00000058 200668 09922366  E23/2005 HDRESSS 00000058 200668 09922366  EXAMINER FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. S1400 S300 S1700 08/25/2005  EXAMINER ART UNIT CLASS SUBCLASS  1, Change of correspondence address or indication of "Fee Address" (17) Long on the patent front page, Its  (1) the names of up to 3 registered patent attorneys or agents of upon in a registered patent attorneys or agents (In on ame is 5). Freederick J. Teles or agents of a gent only on a gapits CR, alternatively.  For Examination of the Correspondence address (or Change of Correspondence address (or Chan    | 3  |  |   |  |   |  |   |   |
|---|--|--|---|--|---|--|---|---|
| OF EAX (103) 746-4000  STRUCTORY files form should be used for transmisting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed with greaters and softleaston of maintrained feet will be mailed to the current corporation of the complete of the current corporation of the current corp    | Complete and send t  | 7 09:28 · F<br>his form, together wit  |   | ee(s), to: <u>M</u>                              | <u>Iail</u>   | Commissioner fo<br>P.O. Box 1450   | FEE<br>r Patents  | 418 P.02/02   |
| INSTRUCTIONS This form should be used for reasoniting the ISSUP FEE and PUBLICATION FEE (if required). Block is through 5 should be completed we prepayorate. All After correspondence including the Parket, advance or other and notification of maintenance for all maintenance for an individual per part of the property of the part of the correspondence address, audior (5) disciplinate cannot be used for any other accurage and profile and one of the part of the p    |  |  |   | or F   | fax   | (500) 547 4000   |   |   |
| Nois: A certificate of mailing can only be used for domestic mailing; and in an evolution of the story of the used for the    | INSTRUCTIONS This for appropriate. All fither condicated unter corrected with All Factors and the potification of the potifica | rm should be used for tran<br>rrespondence including the<br>below or directed otherwise<br>as. | smitting the ISSU<br>Patent, advance or<br>in Block 1, by (a  | JE FEE and I<br>ders and notif<br>) specifying a | PUBLIC<br>fication<br>new c   | CATION FEE (if requi<br>of maintenance fees w<br>orrespondence address;                                      | ired). Blocks 1 through 5<br>vill be mailed to the curren<br>and/or (b) indicating a sep  | should be completed what correspondence address warate "FEE ADDRESS"  |
| P O BOX 655474, M/S 3999 DALLAS, TX 75265 3/2005 HDHESS2 00000058 200668 09922366 C:1501 1400.00 DA C:    | CURRENT CORRESPONDENT  | CE ADDRESS (Note: Use Black 1 for  | any change of address)  |  | Note: A certificate of Fee(s) Transmittal. The papers. Each additions | mailing can only be used it is certificate cannot be used it paper, such as an assignment                    | for domestic mailings of<br>for any other accompany<br>tent or formal drawing, p  |   |
| Robin E. Barnum (Oppositus)  (2.1501 1400.00 DA  APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFEMATION NO. OW922,366 G8/03/2001 Chris Heegard ALA-H6 7792  TITLE OF INVENTION: JOINT EQUALIZATION AND DECODING USING A SEARCH-BASED DECODING ALGORITHM 77-3333  APPLICATION FEE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE monprovisional NO \$1400 \$300 \$1700 GR25/2005  APPLICATION FEE TOTAL FEE(S) DUE DATE DUE DATE DUE TOTAL FEE(S) DUE DATE DUE | P O BOX 655474,<br>DALLAS, TX 752  | M/S 3999<br>65   |   |  |   | Cer<br>I hereby certify that th<br>States Postal Service v<br>addressed to the Mai<br>transmitted to the USP | tificate of Mailing or Transis Fee(s) Transmittal is being with sufficient postage for fit Stop ISSUE FEE addres. TO (703) 746-4000. on the | smission  ng deposited with the Un  rst class mail in an envel  s above, or being facsir  date indicated below. |
| APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFRMATION NO. OW922,366 08/03/2001 Chris Heegard ALA-HO 7792  TITLE OF INVENTION: JOINT EQUALIZATION AND DECODING USING A SEARCH-BASED DECODING ALGORITHM 77-339  APPLN TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1400 \$300 \$1700 08/25/2005  EXAMINER ART UNIT CLASS-SUBCLASS  BOCURE, TESFALDET 2631 375-341000  1. Change of correspondence address or indication of "Fee Address" 177  CR 1,363).  1. Change of correspondence address or indication of "Fee Address" 177  CR 1,363).  1. Change of correspondence address or indication form PTO/SB/12,2) attached.  1. Change of correspondence address or indication form PTO/SB/12,20 attached.  1. Change of correspondence address or indication form PTO/SB/12,20 attached.  2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents. If no name is 10 and 10 to 3 printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents. If no name is 3 prederick J. Televised and the names of up to 3 registered patent attorneys or agents. If no name is 3 prederick J. Televised and the names of up to 3 registered patent attorneys or agents. If no name is 3 prederick J. Televised and the names of up to 3 registered patent attorneys or agents. If no name is 3 prederick J. Televised and the names of up to 3 registered patent attorneys or agents. If no name is 3 prederick J. Televised to 3 your previous proportion of the feet of 3 proportion of the patent of the patent J. Televised to the patent J. Televised T. Tele | 3/2005 HDENESS2 0000   | 0058 200668 0992236  | 6   |  |   |  |   |   |
| APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFRMATION NO. 09492,366 08/03/2001 Chris Heegard   |  |  |   |  |   | (ILLE  | Bern  | (Signati  |
| O9922,366 08/03/2001 Chris Heegard JAA-H6 7792  TITLE OF INVENTION: JOINT EQUALIZATION AND DECODING USING A SEARCH-BASED DECODING ALGORITHM T - 33 0 30  APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1400 \$300 \$1700 08/25/2005  EXAMINER ART UNIT CLASS-SUBCLASS  BOCURE, TESFALDET 2631 375-341000  1, Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).    Change of correspondence address or change of Correspondence Address from PIOSB/B1/2) attached.    Correspondence address or change of Correspondence Address from Indication form PIOSB/B1/2) attached.    The Address indication (or "Fee Address" indication form PIOSB/B1/2) attached.    The Address indication (or "Fee Address" indication form PIOSB/B1/2) attached.    The Address indication (or "Fee Address" indication form PIOSB/B1/2) attached.    The Address indication (or "Fee Address" indication form PIOSB/B1/2) attached.    The Address indication (or "Fee Address" indication form PIOSB/B1/2) attached.    The Address indication (or "Fee Address indication form PIOSB/B1/2) attached.    The Address indication (or "Fee Address" indication form Indication  | C:1504 300.00  | DA   |   |  |   |  | June 23, 2005   | (D  |
| APPLN.TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1400 \$300 \$1700 08725/2005  EXAMINER ART UNIT CLASS-SUBCLASS  BOCURE, TESFALDET 2631 375-341000  1. Change of correspondence address or indication of "Fee Address" (37 [1) the names of up to 3 registered patient amorteys or against OR, alternatively, required. (38 per Address' indication (or "Fee Address" Indication form PTO/SB/1/2) attached. (39 per Address' indication for "Fee Address' indication (or "Fee Address' indication form PTO/SB/1/2) attached. (39 per Address' indication (or "Fee Address' Indication form PTO/SB/1/2) attached. (39 per Address' indication for "Fee Address' indication for "Fee Address' indication (or "Fee Address' Indication form PTO/SB/1/2) attached. (30 per Address' indication for "Fee Address' ind | APPLICATION NO.  | FILING DATE  |   |  |   | ATTORNEY DOCKET NO.  | CONFIRMATION NO.  |   |
| APPLN TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1400 \$300 \$1700 08725/2005  EXAMINER ART UNIT CLASS-SUBCLASS  BOCURE, TESFALDET 2631 375-341000  1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.353).  CCR 1.353.  CLange of correspondence address (or Change of Correspondence Address' (37 CFR 1.354).  CFR 1.350.  CFR 3.450.  CF | 09/922,366   | 08/03/2001   | Chris Heegard   |  |   | · · · · · · · · · · · · · · · · · · ·  | _AIA-110  | 7792  |
| BOCURE, TESFALDET  2631  375-341000  Change of correspondence address or indication of "Fee Address" (37  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.    Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.   The Address form PTO/SB/122 attached.   The Address form PTO/    | APPLN. TYPE  | SMALL ENTITY   | ISSUE FEE   |  | Pi  | UBLICATION FEE   | TOTAL FEE(S) DUE  | DATE DUE  |
| BOCURE, TESFALDET  2631  375-341000  2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of s single firm (having as a member a registered attorney or agents OR, alternatively, (2) the name of single firm (having as a member a registered attorney or agents OR, alternatively, (3) the name of up to 3 registered patent attorneys or agents OR, alternatively, (3) the name of single firm (having as a member a registered attorney or agents OR, alternatively, (3) the name of single firm (having as a member a registered attorney or agents OR, alternatively, (3) the name of single firm (having as a member a registered attorney or agents OR, alternatively, (3) the name of single firm (having as a member a registered attorney or agents OR, alternatively, (3) the name of single firm (having as a member a registered attorney or agents or     | nonprovisional   | NO   | \$1400  |  |   | \$300  |   |   |
| BOCURE, TESFALDET  2631  375-341000  1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  (2) the name of a single firm (having as a member a registered patent attorney or agents. If no name is 12 per patent of the patent o    |  | *  |   |  |   |  | 1   | 002512000   |
| 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).    Change of correspondence address (or Change of Correspondence Address from PTO/SB1/22) attached.   Ghange of correspondence address (or Change of Correspondence Address from PTO/SB1/22) attached.   Ghange of correspondence address (or Change of Correspondence Address from PTO/SB1/22) attached. Use of a Customer PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a Customer Number is required.   Ghange of correspondence address (or Change of Correspondence Address from PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a Customer PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a Customer PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a Customer PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a Customer PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a Customer PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a Customer PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a Customer PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a Customer PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a Customer PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a Customer PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a Customer PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a Customer PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a Customer PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a Customer PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a Customer PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a Customer PTO/SB1/22) attached. Use of a Customer PTO/SB1/22 (attached. Use of a    |  |  |   |  | G   |  | J   |   |
| CFR 1.363 .   Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.   Tee Address indication (or "Fee Address" Indication form PTO/SB/122) attached. Use of a Customer Number is required.   (2) the name of a single firm (having as a member a registered attorneys or agent) and the names of up to 2 registered attorneys or agents. If no name is 1   Mount of the printed on the patent of the printed below, the document has been file recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.   (A) NAME OF ASSIGNEE   |  |  |   |  | _   |  |   |   |
| Change of correspondence address (or Change of Correspondence Address from PTO/SD122) attached.   | CFR 1.363).  |  | ,   | _  | _   |  | , Abd.:1  | Zindani   |
| "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.   | Change of correspond Address form PTO/SB/1   | Согтеѕропоепсе   | or agents OR, alternatively,  |  |   |  |   |   |
| ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been file recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Texas Instruments Incorporated  Dallas, TX USA  Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Govern 4b. Payment of Fee(s):  A check in the amount of the fee(s) is enclosed.  Payment by credit card. Form PTO-2038 is attached.  The Director of the USFTO is requested to apply the listue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.  Note: The Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.  Note: The Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. Note: The Issue Fee and Publication of the United States Patent and Trademark Office.  Date June 23, 2005   | "Fee Address" indica<br>PTO/SB/47; Rev 03-02   | ation form<br>e of a Customer  | registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is 3 Frederick J. Teleck |  |   |  |   |   |
| (A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Texas Instruments Incorporated  Dallas, TX USA  Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual Excorporation or other private group entity Governs to Payment of Fee(s):  A check in the amount of the fee(s) is enclosed.  Payment by credit card. Form PTO-2038 is attached.  Advance Order - # of Copies  A check in the amount of the fee(s) is enclosed.  The Director is hereby authorized by charge the required fee(s), or credit any overpayment of the payment by credit card. Form PTO-2038 is attached.  A check in the amount of the fee(s) is enclosed.  The Director is hereby authorized by charge the required fee(s), or credit any overpayment of the payment by credit card. Form PTO-2038 is attached.  A check in the amount of the fee(s) is enclosed.  The Director is hereby authorized by charge the required fee(s), or credit any overpayment of the payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized by charge the required fee(s), or credit any overpayment of the payment of the USPTO is required to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent, or the assignee or other panterest as shown by the records of the United States Patent and Trademark Office.  Date June 23, 2005  |  |  |   |  |   | 71 /   |   |   |
| (A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Dallas, TX USA  Please check the appropriate assignee category or categories (will not be printed on the patent): Individual WCorporation or other private group entity Govern  Ba. The following fec(s) are enclosed:  A check in the amount of the fec(s) is enclosed.  Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized by charge the required fee(s), or credit any overpayment peposit Account Number 20-0668 (enclose an extra copy of this form).  Change in Entity Status (from status indicated above)  A applicant claims SMALL ENTITY status. See 37 CFR 1.27.  The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent, or the assignee or other particrest as shown by the records of the United States Patent and Trademark Office.  Date June 23, 2005   | PLEASE NOTE: Unless<br>recordation as set forth in   | s an assignee is identified be<br>a 37 CFR 3.11. Completion                                    | low, no assignee of this form is NO.  | data will appe<br>T a substitute i               | ear on 1<br>for filin   | he patent. If an assign<br>g an assignment   | ee is identified below, the   | document has been filed   |
| Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Excorporation or other private group entity Governs (a. The following fee(s) are enclosed:  A check in the amount of the fee(s) is enclosed.  RPublication Fee (No small entity discount permitted)  Advance Order - # of Copies  Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized by charge the required fee(s), or credit any overpayment of the Director of the USFTO is requested to apply the Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered altorney or agent, or the assignee or other partners as shown by the records of the United States Patent and Trademark Office.  Date  June 23, 2005  |  |  |   |  |   |  | UNTRY)  |   |
| 4b. Payment of Fee(s):  A check in the amount of the fee(s) is enclosed.  Payment by credit card. Form PTO-2038 is attached.  Advance Order - # of Copies   |  |  |   |  |   |  | <b>,</b>  |   |
| A check in the amount of the fee(s) is enclosed.  Payment by credit card. Form PTO-2038 is attached.  Advance Order - # of Copies   | Please check the appropriate   | e assignee category or catego  | ries (will not be pr  | inted on the pa                                  | ateni):   | ☐ Individual <b>②</b> Fice   | orporation or other private g   | roup entity Governm   |
| Payment by credit card. Form PTO-2038 is attached.  Advance Order - # of Copies   |  | enclosed:  | 4b  |  | . ,   |  |   |   |
| Advance Order - # of Copies   |  |  | .45   |  |   |  |   |   |
| 5. Change in Entity Status (from status indicated above)  a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).  The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other painterest as shown by the records of the United States Patent and Trademark Office.  Authorized Signature  Date  June 23, 2005   |  |  | <del></del>   |  |   |  |   | r credit any overpayment<br>copy of this form).   |
| The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.  NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent, or the assignee or other painterest as shown by the records of the United States Patent and Trademark Office.  Authorized Signature  |  |  |   |  |   |  |   |   |
| Authorized Signature Date June 23, 2005   |  |  |   | tion Fee (if and from anyone                     | y) or to<br>other t   | o konger claiming SMAI<br>re-apply any previously<br>nan the applicant; a regi                               | LL ENTITY status. See 37 C<br>y paid issue fee to the applic<br>stered attorney or agent, or  | CFR 1.27(g)(2).<br>ation identified above.<br>the assignee or other part  |
|   |  |  |   | VIIIVE.  |   |  |   |   |
|   |  |  |   |  |   |  |   | **************************************  |

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTOL-85 (Rev. 12/04) Approved for use through 04/30/2007.

OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Total Pages Sent: 2



Technology Center: ISSUE FEES Facsimile Number: 703-746-4000

Abdul Zindani

Texas Instruments Incorporated

Facsimile: 972-917-4418 Phone: 972-917-5137

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

TI-33032

Chris Heegard, et al.

Art Unit: 2631

Serial No.: 09/922,366

Examiner: Tesfaldet Bocure

Filed: August 3, 2001

Conf. No.: 7792

For:

Joint Equalization and Decoding Using a Search-Based Decoding Algorithm

## **CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office 703-746-4000 on the date shown below:

Joh Ben

June 23, 2005

Robin E. Barnum

Date

## **FACSIMILE COVER SHEET**

| X FACSIMILE COV NEW APPLICATION (# DECLARATION (# ASSIGNMENT (# I FORMAL DRAWI INFORMAL DRAWI CONTINUATION DIVISIONAL APP | ON<br>  Pages)<br>  Pages)<br>  NGS<br>  VINGS<br>  APP'N (# Pages) | AMENDMENT X (# Pages)  EOT (# Pages)  NOTICE OF APPEAL (# Pages)  APPEAL (# Pages)  X ISSUE FEE (1 Page)  REPLY BRIEF (IN TRIPLICATE) (# Pages) |  |  |  |
|---|---|---|--|--|--|
| NAME OF INVENTOR(S):  |   | RECEIPT DATE & SERIAL NO.:  |  |  |  |
| Chris   | Hoogard, et al.   | Serial No.: 09/922,366  |  |  |  |
| TITLE OF INVENTION:  Joint Equalization and Decode Based Decoding Algorithm   | ding Using a Search-  | Filing Date: August 3, 2001   |  |  |  |
| TI FILB NO.:  | DEPOSIT ACCT. NO.:  | *   |  |  |  |
| TI-33032 20-0668  |   |   |  |  |  |
| FAXED: 6/23/05<br>DUE: 8/25/05  |   | 7   |  |  |  |
| ATTY/SECY:  | AZ/reb  |   |  |  |  |

This facsimile is intended only for the use of the address named and contains legally privileged and/or confidential information. If you are not the intended recipient of this telecopy, you are hereby notified that any dissemination, distribution, copying or use of this communication is strictly prohibited. Applicable privileges are not waived by virtue of the document having been transmitted by Facsimile. Any misdirected facsimiles should be returned to the sender by mail at the address indicated on this cover sheet.

Texas Instruments Incorporated PO Box 655474, M/S 3999 Dallas, TX 75265